



Item # 6124096 (96W)

Item # 6124150 (150W)

LED DRIVERS



ENVIRONMENTAL SPECIFICATIONS

Working Temperature (ta): -30°C to 60°C / -22°F to 140°F
Case Temperature (tc): -40°C to 85°C / -40°F to 185°F
Operating Humidity: Dry or Damp Locations 10% - 90%
Storage Humidity: Dry or Damp Locations 5% - 95%

ELECTRICAL SPECIFICATIONS

| | 96W | 150W |
|----------------------------|-------------|-------------|
| Input Rated Voltage: | 100-240 Vac | 100-240 Vac |
| Input Frequency: | 50/60 Hz | 50/60 Hz |
| Power Factor: | >95% | >95% |
| Efficiency: | >85% | >85% |
| Total Harmonic Distortion: | <20% | <20% |
| Output Power: | 96W | 150W |
| Output Voltage: | 24V dc | 24V dc |
| Output Current: | 4.0A dc | 6.25A dc |

SAFETY

- Class 2 Power Supply (96W)
- Class 1 Power Supply (150W)
- SELV Output
- Over Current Protection, Short Circuit Protection, Over Voltage Protection, Over Temperature Protection
- UL Recognized Component
- Intertek ETL Certified

EMC

Emission: Complies with EN 55015 Class B, EN 61000-3-2 Class C, EN 61000-3-3, FCC Part 15 Class B
Immunity: Complies with EN 61547, FCC 47 CFR Part 15, CISPR 22

NOTATIONS

96W Promolux LED driver complies with standard UL1310; output is considered safe to contact and no major safety protection is required at the LED/luminaire level. No risk of fire or electric shock. Driver operates using less than 60 volts in dry applications, 30 volts in wet applications, less than 5 amps, and less than 100 watts.

150W Promolux LED driver provides a higher power output for applications requiring more wattage than permitted under Class 2 limits. While it does not fall under UL1310 Class 2, it is still a low-voltage, constant voltage power supply designed for commercial refrigeration environments. The driver includes built-in overload and short-circuit protection, and when installed properly with appropriate wiring (per Class 1 standards), it delivers safe and reliable performance for high-output Promolux LED systems.

PHYSICAL SPECIFICATIONS

| | 96W | 150W |
|---------------------|--|--|
| Low Profile Design: | 5 ^{1/4} " L x 2 ^{3/8} " W x 1 ^{1/2} " H | 7" L x 2 ^{1/2} " W x 1 ^{1/2} " H |
| | 133mm L x 60mm W x 35 mm H | 178mm L x 64mm W x 35 mm H |
| Weight: | 1.10 LBs / 500g | 1.7 LBs / 772g |
| Input Wires: | L (Black), N (White) | L (Black), N (White) |
| Output Wires: | Positive (Red), Negative (Black) | Positive (Red), Negative (Black) |
| Enclosure: | 200 mm/7.87" Conforming to SELV | 200 mm/7.87" Conforming to SELV |

